

AMENDMENTS TO THE CLAIMS

1. (ORIGINAL) A process for forming a conductive layer on a substrate, comprising the steps of depositing ink on the substrate by means of lithographic printing to form a seeding layer, and depositing a first electrically conducting layer on the seeding layer by electroless deposition.
2. (ORIGINAL) A process as claimed in claim 1, comprising the step of electroplating a second electrically conducting layer onto the first electrically conducting layer.
- 3.-18. (CANCELLED)
19. (PREVIOUSLY ADDED) The process of claim 2 further comprising the step of attaching an electrical component to the first or second conducting layer by means of a conductive polymer adhesive.
20. (PREVIOUSLY ADDED) The process of claim 1 wherein the substrate is formed from a polymer into a flexible sheet.
21. (PREVIOUSLY ADDED) The process of claim 1 wherein the substrate is coated with a copolymer adhesive.
22. (PREVIOUSLY ADDED) The process of claim 1 wherein the ink comprises a particulate material suspended in a mixture of a resin and an organic solvent.
23. (PREVIOUSLY ADDED) The process of claim 22 wherein the particulate material is a metal or carbon.

24. (PREVIOUSLY ADDED) The process of claim 22 wherein the resin is a polymer having amide groups.

25. (PREVIOUSLY ADDED) The process of claim 1 wherein the thickness of the seeding layer is from 3 to 5 microns.

26. (PREVIOUSLY ADDED) The process of claim 1 wherein the thickness of the first electrically conducting layer is less than or equal to 4 microns.

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Contd 27. (PREVIOUSLY ADDED) The process of claim 1 wherein the thickness of the first electrically conducting layer is about 0.25 microns.

28. (CURRENTLY AMENDED) The process of claim 1 wherein the first electrically conducting layer is formed from at least one of copper, palladium, silver, gold, platinum, and or nickel.

29. (PREVIOUSLY ADDED) The process of claim 1 further comprising the step of soldering an electrical component on the substrate.

30. (PREVIOUSLY ADDED) The process of claim 1 further comprising the step of attaching an electrical component to the first conducting layer by means of a conductive polymer adhesive.

31.-33. (CANCELLED)

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34. **(CURRENTLY AMENDED)** A lithographic ink for use in a lithographic printing process onto a polymer substrate, the ink comprising a particulate material suspended in a mixture of a resin, an antioxidant, and an organic solvent, wherein the resin comprises a polyamide.

35. **(PREVIOUSLY ADDED)** An ink as claimed in claim 34 wherein the particulate material is a metal or carbon.
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